



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-LAG-3 [ADI-31798] Standard Size Ab03439-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This reformatted human antibody was made using the variable domain sequences of the original Human IgG4 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** ADI-31798

**Alternative Name(s) of Target:** CD223; LAG3; FDC; Lymphocyte activation gene 3 protein

**UniProt Accession Number of Target Protein:** P18627

**Published Application(s):** ELISA, FC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was isolated from a yeast display library by two rounds of screening against human LAG-3.

**Specificity:** This antibody binds human LAG-3. The human LAG-3 is a cell surface molecule with diverse biologic effects on T cell function. It is an immune checkpoint receptor on activated T-cells.

**Application Notes:** This antibody can bind human LAG-3 in an ELISA. This antibody binds human LAG-3 with an affinity of  $K_d = 9.73 \times 10^{-10}$  nM. The binding specificity of this antibody to human LAG-3 expressed on the surface of HEK293 and activated CD4+ T cells was done using flow cytometry. This antibody binds hLAG-3 expressed on the surface of HEK293 cells with an EC50 of 0.201 nM and activated CD4+ T cells with an EC50 of 0.00595 nM. This antibody can also effectively block the binding of LAG-3 and its ligand MHCII (HLA-DR) with an IC50 of 4.701 nM. The tumor suppressive effects of this antibody was studied in A375 human PBMC model (CN112166125).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.